

WHAT IS CLAIMED IS:

1 1. A synchronization control method for an electronic device connectable to a
2 serial interface, said synchronization control method comprising:
3 said electronic device extracting a clock component from information flowing on
4 said serial interface even when said electronic device is not receiving data; and
5 said electronic device monitoring a synchronous state of a data reception timing
6 clock generated by said electronic device itself with respect to said extracted clock component
7 (clock).

1 2. The synchronization control method as claimed in claim 1, further comprising:
2 when said electronic device has detected that a clock made up of said clock
3 component extracted from said information flowing on said serial interface is out of
4 synchronization with said data reception timing clock generated by said electronic device itself,
5 said electronic device performing self-synchronization operation such that said timing clock
6 generated by said electronic device itself synchronizes with said clock made up of said extracted
7 clock component.

1 3. An electronic device comprising:
2 a serial interface;
3 circuitry configured to generate a timing clock; and
4 synchronization control circuitry configured to
5 extract a clock component from information present on said serial
6 interface, even when said information is not addressed to said electronic device, and
7 monitor a synchronous state of said timing clock generated by said
8 electronic device itself with respect to said extracted clock component.

1 4. The electronic device of claim 1 wherein said synchronization control circuitry
2 is further configured to synchronize said timing clock with said extracted clock component in
3 response to determining that said timing clock is out of synchronization with said extracted clock
4 component.